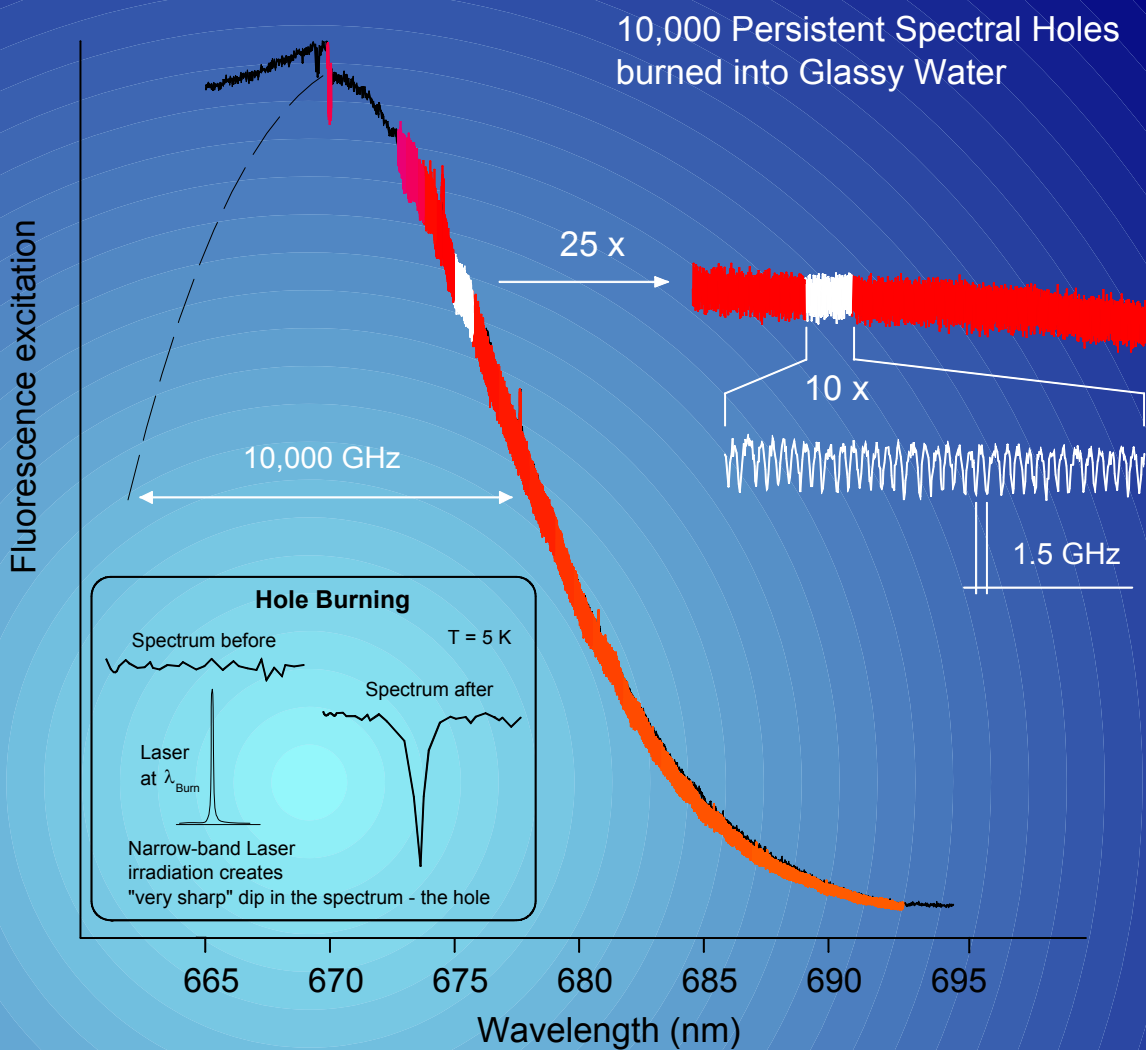


HIGH RESOLUTION PROBE OF COMPLEX SYSTEMS

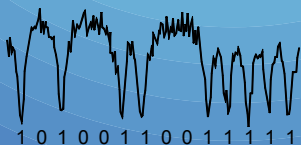
G.J. SMALL, IOWA STATE UNIVERSITY

Fundamental Applications (Glasses, Proteins)

- Structural disorder and configurational tunneling
- Photoinduced structural changes
- Early events in photosynthesis
- Imaging techniques



Possible application - Optical storage of digital data - "HBCD"



Regular CD
1 bit per pixel
700 MB



HBCD
10,000 bits per pixel
7,000 GB